

FORM PTO-1449
(R v. 2-32)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket N .

Serial No.

00-653-A

09/927,777

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

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Applicant:

Chad A. Mirkin, et al.

Filing Date:

August 10, 2001

Group:

1645

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
11	1.	4,996,143	02/26/91	Heller, et al.	435	6	04/13/90
	2.	5,508,164	04/16/96	Kausch, et al.	435	6	10/29/93
	3.	5,922,537	07/13/99	Ewart, et al.	435	6	11/8/96
	4.	5,972,615	10/26/99	An, et al.	435	6	01/21/98
	5.	6,264,825	07/24/01	Blackburn, et al.	205	777.5	06/23/99
11	6.	6,214,560	04/10/01	Yguerabide, et al.	435	7.1	04/18/97

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		Document Number	Date	Country	Class	Subclass	Translation Yes	No
11	7.	WO 94/29484	12/22/94	PCT				
	8.	WO 00/25136	05/04/00	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

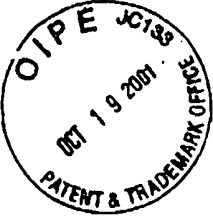
11	9.	Mohanty J., et al. "Pulsed laser excitation of phosphate stabilized silver nanoparticles," <i>Proc. Indian Acad. Sci.</i> , Vol. 112, No. 1, p. 63-72.
	10.	Nicewarner- Peña S., et al., "Hybridization and Enzymatic Extension of Au Nanoparticle-Bound Oligonucleotides," <i>J. Am. Chem. Soc.</i> , Vol. 124, p. 7314-7323 (2002)
11	11.	Whitesides G.M., et al., "Soft Lithography in Biology and Biochemistry," <i>Annu. Rev. Biomed. Eng.</i> , p. 335-373 (2001)

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		INFORMATION DISCLOSURE STATEMENT BY APPLICANT	
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Chad A. Mirkin, et al.		TECH CENTER 1600/2900	
Filing Date:		Group:	
8/10/01		1656	

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>g</i>	1.	5,599,668	02/04/97	Stimpson, et al.			
	2.	5,751,018	05/12/98	Alvisatos, et al.			
<i>M</i>	3.	5,990,479	11/23/99	Weiss, et al.			

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		Document Number	Date	Country	Class	Subclass	Translation Yes	No
<i>M</i>	4.	WO 92/04469	3/19/92	PCT				

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<i>g</i>	5.	Stimpson, et al., "Real-time detection of DNA hybridization and melting on oligonucleotide arrays by using optical wave guides," <i>Proc. Natl. Acad. Sci.</i> , Vol. 92, pp. 6379-6383, California Institute of Technology (1995) U.S.
	6.	Storhoff, et al., "Strategies for Organizing Nanoparticles into Aggregate Structures and Functional Materials," <i>Journal of Cluster Science</i> , Vol. 8, No. 2, pp. 179-217, Plenum Publishing Corporation (1997) U.S.
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<i>M</i>	9.	Velev, et al., "In Situ Assembly of Colloidal Particles into Miniaturized Biosensors," <i>Langmuir</i> , Vol. 15, No. 11, pp. 3693-3698, American Chemical Society (1999) U.S.

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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	00-653-A	09/927,777
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		Applicant:	OCT 22 2001
		Chad A. Mirkin, et al. TECH CENTER 1600/2901	
		Filing Date:	Group:
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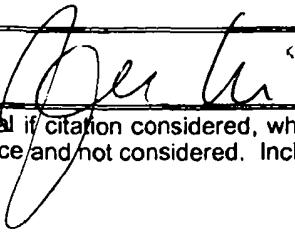
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

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10.	Zhu, et al., "The First Raman Spectrum of an Organic Monolayer on a High-Temperature Superconductor: Direct Spectroscopic Evidence for a Chemical Interaction between an Amine and Yb ₂ Cu ₃ O _{7-δ} ," <i>J. Am. Chem. Soc.</i> , Vol. 119, pp. 235-236, American Chemical Society (1997) U.S.
11.	Yguerabide, et al., "Light-Scattering Submicroscopic Particles as Highly Fluorescent Analogs and Their Use as Tracer Labels in Clinical and Biological Applications," I. Theory, <i>Analytical Biochemistry</i> , Vol. 262, pp. 137-156 (1998) U.S.
12.	Yguerabide, et al., "Light-Scattering Submicroscopic Particles as Highly Fluorescent Analogs and Their Use as Tracer Labels in Clinical and Biological Applications," II. Experimental Characterization, <i>Analytical Biochemistry</i> , Vol. 262, pp. 157-176 (1998) U.S.

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FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 00-653-A	Serial No. 09/927,377
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Chad A. Mirkin, et al.	
		Filing Date: August 10, 2001	Group: 1656
		RECEIVED OCT 22 2001 TECH CENTER 1600/2900	

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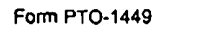
Document Number	Date	Country	Class	Subclass	Translation Yes No

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	2.	Dunn, et al., "A Novel Method to Map Transcripts: Evidence for homology between an Adenovirus mRNA and Discrete Multiple Regions of the Viral Genome, <i>Cell</i> , Vol. 12, pp. 23-36, (1997) U.S.
	3.	Hacker, "High performance Nanogold – Silver in situ hybridisation, <i>Eur. J. Histochem</i> , Vol. 42, pp. 111-120 (1998) U.S.
	4.	Ranki, et al., Sandwich hybridization as a convenient method for the detection of nucleic acids in crude samples, <i>Gene</i> , Vol. 21, pp. 77-85 (1983) U.S.
Cu	5.	Romano, et al., "An antiglobulin reagent labelled with colloidal gold for use in electron microscopy," <i>Immunochemistry</i> , Vol. 11, pp. 521-522 (1974) Great Britain

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 INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant: MIRKIN et al.		
	Filing Date: 08/10/01	Group: 1656	

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
2 u	1.	WO 92/04469	19 March 1992	PCT	_____	_____		X
	2.	WO 90/02205	8 March 1990	PCT	_____	_____		X

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